

10/009980

1

SEQUENCE LISTING

<110> CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS

<120> MOLECULAR METHODS FOR DETECTING GUAR GUM ADDITIONS
TO LOCUST BEAN GUM

<130> PATENT APPLICATION PCT/ES01/00079

<140> PCT/ES01/00079

<141> 2001-03-02

<150> ES2000000560

<151> 2000-03-08

<160> 10

<170> PatentIn Ver. 2.1

<210> 1

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of the Artificial Sequence:oligo ITS5

<400> 1
ggaagtaaaa gtcgtaacaa gg 22

<210> 2

<211> 20

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<213> Artificial Sequence

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<223> Description of the Artificial Sequence:oligo ITS3

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<210> 3

<211> 20

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<223> Description of the Artificial Sequence:oligo ITS4

<400> 3
tcctccgctt attgatatgc 20

<210> 4
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<223> Description of the Artificial Sequence:oligo PG21

<400> 4

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<210> 5
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<223> Description of the Artificial Sequence:oligo ITS2

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<210> 6
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<223> Description of the Artificial Sequence:oligo PG22

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<222> Complement((2)..(23))

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<222> (325)..(344)

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 gtcaaaaacac gccgaccttc ctttggttg gagttgtctg ccttgcggtg ctttctctta 180
 gcctttaaca aaccacacgg cgctacacgc gccaaaggaaa ctttaactntt ctgtgcgccc 240
 ttgccagccc ggtaacggtg ctgtgtaggt tgngtttaga tacatgaatc aaaatgactc 300
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<210> 8
 <211> 343
 <212> DNA
 <213> *Ceratonia siliqua*

<220>
 <221> primer_bind
 <222> (2)..(23)

<220>
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<400> 8
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 ctccaagcc tccatgtcgg gaggcgcctg tggccccccg ccactcgtgc tacctcgacc 180
 aaaaaactaa ccctggcggt taacgcgcca aggaactaca accagtgagc gtgctcccga 240
 tgacctggta acggcgatcg atcgatgagc gtcgtgacat tcttatccaa aatgactctc 300
 ggtaacggat atctcggctc tcgcatcgat gaagaacgca gca 343

<210> 9
 <211> 405
 <212> DNA
 <213> *Cyamopsis tetragonoloba*

<220>
 <221> primer_bind
 <222> Complement((2)..(21))

<220>
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 <222> (385)..(404)

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 gggcgtcgcy cgtcggtgcc ctaactcgga cgtctcattt ggtgtcggtg agtggcgaat 180
 gttggcttcc cagagcggt gcctcatggt tgggtgaaat tcgagtcctg ggtggaggat 240
 gccacgattg atatggtggt tgagtaatta gtcgagacc catcgtgagc gactccatct 300
 tgttttggac tctttgacct acatgagcat ctccgatgct cgttacgaga cctcaggtca 360
 gacgggggta cccgctgagt ttaagcatat caataagcgg aggaa 405

<210> 10
 <211> 410
 <212> DNA
 <213> *Ceratonia siliqua*

<220>
 <221> primer_bind
 <222> (2)..(23)

<220>
 <221> primer_bind
 <222> Complement((385)..(404))

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 ggggtgtcaca cactgtcgcc cccaccccggt ggcctctcgc gtggcttcga ggaatgggca 180
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 cgggattgcg ctcggagacc cttcagcatc gcgaggtgca tatgcctcga acgggaccct 360
 aagtcaggcg gggctactcg ctgagtttaa gcatatcaat aagcggagga 410